

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1343	429//39	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:31
L2	4	1 and (water near transport near plate\$2) and (anode\$2 same cathode\$2 same water) and (silicon near carbide)	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:32
L3	64	1 and (water same transfer\$3 same anode same cathode) and plate\$2	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:32
L4	25	(fuel adj cell\$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate \$2) and (cathode adj\$3 plate\$2) and (water near transport) and (support\$3 near plate \$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 09:33
L5	42	(fuel adj cell\$2) and ((water near transport) same plate\$2) and ((anode or cathode) same (support near plate\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 09:46
L6	1829	429//38	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:47
L7	21	6 and ((water near transfer) same anode same cathode)	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:48
L8	3207	429//34	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:51
L9	6	8 and (water near transport near plate\$2) and (anode\$2 same cathode\$2 same water) and (silicon near carbide)	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:51
L10	1	9 and ((water near transfer) same anode same cathode)	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:55

L11	51105	((richard same breault) (harrington same michael) (sribnik saem frederick)).in.	US-PGPUB; USPAT	OR	OFF	2008/04/14 09:57
L12	140	((richard same breault) (harrington same michael) (sribnik same frederick)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 09:57
L13	56	((richard same breault) (harrington same michael) (sribnik same frederick)).in. and (fuel adj cell\$2) and water and plate\$2 and membrane\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 09:58
L14	44	((richard same breault) (harrington same michael) (sribnik same frederick)).in. and (fuel adj cell\$2) and water and plate\$2 and membrane\$2 and catalyst\$2 and (water near transport\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 09:59
L15	16	((richard same breault) (harrington same michael) (sribnik same frederick)).in. and (fuel adj cell\$2) and water and plate\$2 and membrane\$2 and catalyst\$2 and (water near transport\$3) and (solid near3 plate\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 10:00
L16	2	((fuel adj cell\$2) and water and plate\$2 and membrane\$2 and catalyst\$2 and (water near transport\$3) and (solid near3 plate\$3)).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 10:07
S1	1	10/668869	US-PGPUB	OR	OFF	2007/09/27 14:57
S2	1134	429//39	US-PGPUB; USPAT	OR	OFF	2006/06/24 13:34
S3	28	S2 and (water near transport near plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/06/24 13:35

S4	27	S2 and (water near transport near plate\$2) and (anode\$2 same cathode\$2 same water)	US-PGPUB; USPAT	OR	OFF	2006/06/24 13:48
S5	4	S2 and (water near transport near plate\$2) and (anode\$2 same cathode\$2 same water) and (silicon near carbide)	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:38
S6	1	"20020086195"	US-PGPUB	OR	OFF	2006/07/06 13:29
S7	1	10/668869	US-PGPUB	OR	OFF	2006/07/06 13:30
S8	1	S7 and (water same transfer\$3)	US-PGPUB	OR	OFF	2006/07/06 15:31
S9	1141	429//39	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:47
S10	64	S9 and (water same transfer\$3 same anode same cathode)	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:46
S11	55	S9 and (water same transfer\$3 same anode same cathode) and plate\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:46
S12	1	"6322915".pn.	USPAT	OR	OFF	2006/07/06 13:58
S13	1	S12 and (water same transfer\$3 same anode same cathode) and plate\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:46
S14	0	S12 and (water same transfer\$3 same anode same cathode) and plate\$2 and channel\$2 and (separator near plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:47
S15	0	S12 and (water same transfer\$3 same anode same cathode) and plate\$2 and channel\$2 and (separator same plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:47
S16	0	S12 and (water same transfer\$3 same anode same cathode) and plate\$2 and channel\$2 and (separat\$3 same plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:47

S17	1	S12 and (water same transfer\$3 same anode same cathode) and plate\$2 and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:53
S18	1	S12 and (water same transfer\$3 same anode same cathode) and (anode adj3 plate\$2) and (cathode adj\$3 plate\$2) and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:59
S19	1	"6020083".pn.	USPAT	OR	OFF	2006/07/06 13:59
S20	0	S19 and (water same transfer\$3 same anode same cathode) and (anode adj3 plate\$2) and (cathode adj\$3 plate\$2) and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:58
S21	0	S19 and (water same transfer\$3 same anode same cathode) and plate\$2 and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:58
S22	0	S19 and (water same transfer\$3) and plate\$2 and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:58
S23	0	S19 and (water same transfer\$3) and plate\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:58
S24	0	S19 and (water same transfer\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/06 13:58
S25	158	(fuel adj cell\$2) and (water same transport same anode same cathode) and (anode adj3 plate\$2) and (cathode adj\$3 plate \$2) and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:00
S26	121	(fuel adj cell\$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate \$2) and (cathode adj\$3 plate\$2) and channel\$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:07

S27	91	(fuel adj cell\$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate \$2) and (cathode adj\$3 plate\$2) and channel\$2 and (water near transport)	US-PGPUB; USPAT	OR	OFF	2006/07/06 15:36
S28	1	"4973530".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:25
S29	1	S28 and cool\$4	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:28
S30	0	S28 and cool\$4 and membrane and catalyst \$2 and porous	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:28
S31	0	S28 and cool\$4 and membrane and catalyst \$2	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:28
S32	1	S28 and cool\$4 and membrane and porous	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:28
S33	1	S28 and cool\$4 and membrane and porous and cataly\$5	US-PGPUB; USPAT	OR	OFF	2006/07/06 14:30
S34	1	S28 and cataly\$5	US-PGPUB; USPAT	OR	OFF	2006/07/06 15:28
S35	1	S28 and support same plate	US-PGPUB; USPAT	OR	OFF	2006/07/06 15:28
S36	1	S7 and support near plate	US-PGPUB	OR	OFF	2006/07/06 15:31
S37	21	(fuel adj cell\$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate \$2) and (cathode adj\$3 plate\$2) and channel\$2 and (water near transport) and (support \$3 near plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 15:37

S38	21	(fuel adj cell\$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate \$2) and (cathode adj\$3 plate\$2) and (water near transport) and (support\$3 near plate \$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 15:47
S39	1	(fuel adj cell\$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate \$2) and (cathode adj\$3 plate\$2) and (water near transport) and (support\$3 near plate \$2)and (silicon same carbide)	US-PGPUB; USPAT	OR	OFF	2006/07/06 15:49
S40	1	"20030148164"	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:34
S41	1	S40 and (fuel adj cell \$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate\$2) and (cathode adj\$3 plate \$2) and (water near transport) and (support \$3 near plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:07
S42	1	S40 and ((separator near plate\$2) or (cooler near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:06
S43	0	S40 and (water same transfer\$3 same anode \$2 same cathode\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:07
S44	1	S40 and (water same transport same anode \$2 same cathode\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:05
S45	1	"6165634".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:05
S46	1	S45 and ((separator near plate\$2) or (cooler near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:17
S47	0	S45 and (water same transfer\$3 same anode \$2 same cathode\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:07

S48	1	S45 and (fuel adj cell \$2) and (water same transport same anode same cathode same plate\$2) and (anode adj3 plate\$2) and (cathode adj\$3 plate \$2) and (water near transport) and (support \$3 near plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:15
S49	0	"2001004501"	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:15
S50	1	"2001004501"	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:16
S51	0	S50 and silicon	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:16
S52	47	(fuel adj cell\$2) and ((water near transport) same plate\$2) and (transfer\$4 same water same cathode same anode same plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:29
S53	0	(fuel adj cell\$2) and ((water near transport) same plate\$2) and (transfer\$4 same water same cathode same anode same plate\$2) and silocon and carbide	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:29
S54	2	(fuel adj cell\$2) and ((water near transport) same plate\$2) and (transfer\$4 same water same cathode same anode same plate\$2) and silicon and carbide	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:29
S55	1486	429//38	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:47
S56	17	S55 and ((water near transfer) same anode same cathode)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:51
S57	3	S55 and ((water near transfer) same anode same cathode) and (silicon near carbide)	US-PGPUB; USPAT	OR	OFF	2006/07/06 16:59
S58	4	(fuel adj cell\$2) and ((water near transfer) same anode same cathode) and (silicon near carbide)	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:04

S59	0	(fuel adj cell\$2) and ((water near transport) same plate\$2) and ((anode or cathode) near (suppport near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:05
S60	0	(fuel adj cell\$2) and ((water near transport) same plate\$2) and ((anode or cathode) adj4 (suppport near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:06
S61	32	(fuel adj cell\$2) and ((water near transport) same plate\$2) and (anode same (support near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:06
S62	34	(fuel adj cell\$2) and ((water near transport) same plate\$2) and ((anode or cathode) same (support near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:21
S63	1	S40 and (fuel adj cell \$2) and ((water near transport) same plate \$2) and ((anode or cathode) same (support near plate\$2))	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:37
S64	1	S40 and (fuel adj cell \$2) and ((water near transport) same plate \$2) and (support near plate\$2) and WTP	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:41
S65	1	S40 and (pore\$2 or porous or porosity)	US-PGPUB; USPAT	OR	OFF	2006/07/06 17:47
S66	1	S40 and (support near plate\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/06 18:45
S67	1	"20030232234"	US-PGPUB; USPAT	OR	OFF	2006/07/06 18:45
S68	1	S67 and water and transfer	US-PGPUB; USPAT	OR	OFF	2006/07/06 18:46
S69	1	"20030232234"	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:35
S70	137705	"1" and carbide	US-PGPUB; USPAT	OR	OFF	2006/07/07 17:45
S71	1	S69 and carbide	US-PGPUB; USPAT	OR	OFF	2006/07/07 17:48

S72	0	S69 and print\$3	US-PGPUB; USPAT	OR	OFF	2006/07/07 17:48
S73	0	S69 and screen	US-PGPUB; USPAT	OR	OFF	2006/07/07 17:48
S74	1	S69 and support	US-PGPUB; USPAT	OR	OFF	2006/07/07 17:59
S75	1	S69 and (gas near barrier)	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:03
S76	1	S69 and ((gas near barrier) same hole\$2)	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:07
S77	1	S69 and ((gas near barrier) same hole\$2) and water	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:57
S78	27	(fuel adj cell\$2) and membrane and (microporous same water same phase)	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:58
S79	2	(fuel adj cell\$2) and ((membrane near microporous) same (water near content))	US-PGPUB	OR	OFF	2006/07/10 11:05
S80	3	(fuel adj cell\$2) and ((membrane near microporous) same (water near content))	US-PGPUB; USPAT	OR	OFF	2006/07/10 11:05
S81	9	(fuel adj cell\$2) and ((membrane near (porous or microporous)) same (water near content))	US-PGPUB; USPAT	OR	OFF	2006/07/10 11:06
S82	9	(fuel adj cell\$2) and ((membrane near (porous or microporous)) same (water near content)) and water	US-PGPUB; USPAT	OR	OFF	2006/07/10 11:06
S83	1	"20030232234"	US-PGPUB; USPAT	OR	OFF	2006/07/10 11:18
S84	1	S83 and water	US-PGPUB; USPAT	OR	OFF	2006/07/10 11:18
S85	1	S83 and water and membrane	US-PGPUB; USPAT	OR	OFF	2006/07/10 11:18
S86	1	10/668869	US-PGPUB	OR	OFF	2007/02/12 16:27
S87	1	S86 and (solid near5 plate\$2)	US-PGPUB	OR	OFF	2007/02/12 16:27

S88	1	"20030148164"	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:34
S89	2	"20030232234"	US-PGPUB; USPAT	OR	OFF	2007/02/12 16:35
S90	1	10/668869	US-PGPUB	OR	OFF	2007/03/01 11:54
S91	1	S90 and membrane	US-PGPUB	OR	OFF	2007/03/01 12:02
S92	1	S90 and (high same water same membrane \$2)	US-PGPUB	OR	OFF	2007/03/01 12:04
S93	1	S90 and (water near3 phase)	US-PGPUB	OR	OFF	2007/03/01 12:04
S94	1	10/668869	US-PGPUB	OR	OFF	2007/03/23 15:02
S95	1	S94 and (water near manifold\$2) and (high near water near permeability) and (water near2 band\$2)	US-PGPUB	OR	OFF	2007/03/23 15:07
S96	1	S94 and (water near manifold\$2) and (high near water near permeability) and (water near2 band\$2) and "104" and "103"	US-PGPUB	OR	OFF	2007/03/23 15:08
S97	1	S94 and (water near manifold\$2) and (high near water near permeability) and (water near2 band\$2) and "104" and "103"	US-PGPUB	OR	OFF	2007/03/23 15:09
S98	1	S94 and (water near manifold\$2) and (high near water near permeability) and (water near2 band\$2) and "104" and "103" and hole\$2	US-PGPUB	OR	OFF	2007/03/23 15:10
S99	1	S94 and (water near manifold\$2) and (high near water near permeability) and (water near2 band\$2) and "104" and "103" and hole\$2 and "107"	US-PGPUB	OR	OFF	2007/03/23 15:11

S100	1	S94 and (water near manifold\$2) and (high near water near permeability) and (water near2 band\$2) and "104" and "103" and hole\$2 and "107" and zone\$2	US-PGPUB	OR	OFF	2007/03/23 15:11
S101	1	10/668869	US-PGPUB	OR	OFF	2007/09/27 14:57
S102	1	S101 and (transfer\$6 same water same remov\$4)	US-PGPUB	OR	OFF	2007/09/27 14:59
S103	1	10/668869	US-PGPUB	OR	OFF	2008/04/01 13:50
S104	1	10/668869	US-PGPUB	OR	OFF	2008/04/08 15:38
S105	1	S104 and solid	US-PGPUB	OR	OFF	2008/04/08 15:38
S106	1	"20030148164"	US-PGPUB; USPAT	OR	OFF	2008/04/08 15:43
S107	1	S106 and solid	US-PGPUB; USPAT	OR	OFF	2008/04/08 15:43
S108	1	S106 and solid and plate\$2	US-PGPUB; USPAT	OR	OFF	2008/04/08 15:43
S109	1	S106 and solid	US-PGPUB; USPAT	OR	OFF	2008/04/08 15:45
S110	1	"20030148164"	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:38
S111	1	S110 and solid and plate\$3 and material\$2 and separator\$3	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:38
S112	1	10/668869	US-PGPUB	OR	OFF	2008/04/09 10:40
S113	1	S112 and solid and plate\$3 and material\$2 and separator\$3	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:40
S116	1	S112 and solid and plate\$3 and material\$2 and separator\$3 and "36"	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:53
S117	1	S110 and solid and plate\$3 and material\$2 and separator\$3 and "24" and "26" and "28" and "30" and "32" and "36"	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:54

S118	1	S110 and solid and plate\$3 and material\$2 and separator\$3 and "20" and "22" and "24" and "26" and "28" and "30" and "32" and "36"	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:54
S119	1	S110 and aluminum and separator\$3 and "20" and "22" and "24" and "26" and "28" and "30" and "32" and "36" and (water near transport)	US-PGPUB; USPAT	OR	OFF	2008/04/09 10:58
S120	2	"20030232234"	US-PGPUB; USPAT	OR	OFF	2008/04/09 11:24
S121	1	"20030232234"	US-PGPUB	OR	OFF	2008/04/09 11:24
S122	1	S121 and plate\$2 and solid	US-PGPUB	OR	OFF	2008/04/09 11:25
S123	1	S121 and "11" and "12" and "13" and "14" and "15" and "16"	US-PGPUB	OR	OFF	2008/04/09 11:32
S124	1	S121 and "21" and material\$2	US-PGPUB	OR	OFF	2008/04/09 11:39
S125	1	S121 and "21" and material\$2 and barrier \$3 and "19"	US-PGPUB	OR	OFF	2008/04/09 11:39
S126	1	S121 and "21" and material\$2 and barrier \$3 and "19" and porous and solid	US-PGPUB	OR	OFF	2008/04/09 11:46

4/14/2008 10:07:59 AM

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